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1

☒ 2j25



PARTIALLY DEGLYCOSYLATED
 GLUCOCERAMIDASE

Characteristics

Release Date: 06-Dec-2006 Exp. Method:

Resolution: 2.90 Å

Classification

Hydrolase

Polymer: 1 Molecule: GLUCOSYLCE
 Fragment: RESIDUES 40-536 Chains:

Compound

no.: 3,2,1,45

Polymer: 2 Molecule: SUGAR (2-MER)

Polymer: 4 Molecule: SUGAR (5-MER)

Polymer: 5 Molecule: SUGAR (3-MER)

Authors

Brumshtein, B., Wormald, M.R., Sil
 I., Futerman, A.H., Sussman, J.L.

☒ 1ogs



HUMAN ACID-BETA-GLUCOSIDASE

Characteristics

Release Date: 03-Jul-2003 Exp. Method:

Resolution: 2.00 Å

Classification

Hydrolase

Compound

Polymer: 1 Molecule: GLUCOSYLCE

Chains A,B EC no.: 3.2.1.45

Polymer: 2 Molecule: SUGAR (2-MER)

Dvir, H., Harel, M., McCarthy, A.A.,
 L., Silman, I., Futerman, A.H., Sus
 J.L., Israel Structural Proteomics C

Authors

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X-ray structure of human acid-beta
 glucosidase covalently bound to
 conformational B epoxide

Characteristics

Release Date: 12-Apr-2005 Exp. Method:

Resolution: 2.40 Å

| | | |
|---|---|---|
|  | Classification | Hydrolase |
|  | Compound | Polymer: 1 Molecule: Glucosylceramida Mutation: R495H Chains: A,B EC no.: 3.2.1.45 Polymer: 2 Molecule: SUGAR (2-MER) |
| | Authors | Premkumar, L., Sawkar, A.R., Bold S., Tokar, L., Sitman, I., Kelly, J.W. A.H., Sussman, J.L., Israel Structural Proteomics Center (ISPC) |
| <input checked="" type="checkbox"/> 2nsx |     | Structure of acid-beta-glucosidase with pharmacological chaperone provides insight into Gaucher disease |
|  | Characteristics | Release Date: 26-Dec-2006 Exp. Method: Resolution: 2.11 Å |
|  | Classification | Hydrolase |
| | Compound | Polymer: 1 Molecule: Glucosylceramida Chains: A,B,C,D EC no.: 3.2.1.45  |
| | Authors | Lieberman, R.L., Petsko, G.A., Ring |
| <input checked="" type="checkbox"/> 2nt0 |     | Acid-beta-glucosidase low pH, glycerol bound |
|  | Characteristics | Release Date: 26-Dec-2006 Exp. Method: Resolution: 1.79 Å |
|  | Classification | Hydrolase |
| | Compound | Polymer: 1 Molecule: Glucosylceramida Chains: A,B,C,D EC no.: 3.2.1.45  |
| | Authors | Lieberman, R.L., Petsko, G.A., Ring |
| <input checked="" type="checkbox"/> 2nt1 |     | Structure of acid-beta-glucosidase at neutral pH |
|  | Characteristics | Release Date: 26-Dec-2006 Exp. Method: Resolution: 2.30 Å |
|  | Classification | Hydrolase |
| | Compound | Polymer: 1 Molecule: Glucosylceramida Chains: A,B,C,D EC no.: 3.2.1.45  |
| | Authors | Lieberman, R.L., Petsko, G.A., Ring |